



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/540,305

DATE: 04/20/2006

TIME: 09:53:31

Input Set : E:\17225pct.ST25.txt  
 Output Set: N:\CRF4\04202006\J540305.raw

3 <110> APPLICANT: Kerek, Franz  
 5 <120> TITLE OF INVENTION: PEPTIDE WITH A HIGH CYSTEINE CONTENT  
 7 <130> FILE REFERENCE: JCLA17225  
 9 <140> CURRENT APPLICATION NUMBER: 10/540,305  
 10 <141> CURRENT FILING DATE: 2005-06-20  
 12 <150> PRIOR APPLICATION NUMBER: PCT/DE2003/004228  
 13 <151> PRIOR FILING DATE: 2003-12-20  
 15 <150> PRIOR APPLICATION NUMBER: DE 102 60 537.8  
 16 <151> PRIOR FILING DATE: 2002-12-21  
 18 <160> NUMBER OF SEQ ID NOS: 14  
 20 <170> SOFTWARE: PatentIn version 3.3  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 46  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Helleborus purpurascens  
 27 <400> SEQUENCE: 1  
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 30 1 5 10 15  
 33 Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys  
 34 20 25 30  
 37 Ile His Val Thr Thr Thr Cys Pro Ser Ser His Pro Ser  
 38 35 40 45  
 41 <210> SEQ ID NO: 2  
 42 <211> LENGTH: 46  
 43 <212> TYPE: PRT  
 44 <213> ORGANISM: Helleborus purpurascens  
 46 <400> SEQUENCE: 2  
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 49 1 5 10 15  
 52 Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys  
 53 20 25 30  
 56 Ile His Val Thr Thr Thr Cys Pro Ser Ser His Pro Ser  
 57 35 40 45  
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 61 <211> LENGTH: 46  
 62 <212> TYPE: PRT  
 63 <213> ORGANISM: Helleborus purpurascens  
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 71 Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys  
 72 20 25 30  
 75 Ile His Val Thr Thr Thr Cys Pro Ser Ser His Pro Ser

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Input Set : E:\17225pct.ST25.txt  
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81 <212>	TYPE: PRT		
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87 1	5	10	15
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100 <212>	TYPE: PRT		
101 <213>	ORGANISM: Helleborus purpurascens		
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110	20	25	30
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138 <212>	TYPE: PRT		
139 <213>	ORGANISM: Helleborus purpurascens		
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157 <212>	TYPE: PRT		
158 <213>	ORGANISM: Helleborus purpurascens		

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Input Set : E:\17225pct.ST25.txt  
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160 <400> SEQUENCE: 8  
 162 Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala Cys  
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 166 Arg Leu Thr Gly Thr Ser Gln Ala Thr Cys Ala Thr Leu Cys Asp Cys  
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 177 <213> ORGANISM: Helleborus purpurascens  
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 193 <210> SEQ ID NO: 10  
 194 <211> LENGTH: 48  
 195 <212> TYPE: PRT  
 196 <213> ORGANISM: Helleborus purpurascens  
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 209 35 40 45  
 212 <210> SEQ ID NO: 11  
 213 <211> LENGTH: 48  
 214 <212> TYPE: PRT  
 215 <213> ORGANISM: Helleborus purpurascens  
 217 <400> SEQUENCE: 11  
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 223 Arg Leu Thr Gly Thr Phe Ser Gln Glu Gln Cys Ala Arg Leu Cys Asp  
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 228 35 40 45  
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 239 <222> LOCATION: (1)..(2)  
 240 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/540,305

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Input Set : E:\17225pct.ST25.txt  
Output Set: N:\CRF4\04202006\J540305.raw

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245 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
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W--> 288 Xaa Xaa Xaa Xaa Xaa Gln Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys  
289 20 25 30  
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293 35 40 45  
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297 <211> LENGTH: 46  
298 <212> TYPE: PRT  
299 <213> ORGANISM: Helleborus purpurascens  
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304 <222> LOCATION: (1)..(2)  
305 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
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309 <222> LOCATION: (5)..(11)

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Input Set : E:\17225pct.ST25.txt  
Output Set: N:\CRF4\04202006\J540305.raw

310 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
312 <220> FEATURE:  
313 <221> NAME/KEY: misc\_feature  
314 <222> LOCATION: (13)..(15) /  
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350 1 5 10 15  
W--> 353 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Cys  
354 20 25 30  
W--> 357 Xaa Xaa Xaa Xaa Thr Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa  
358 35 40 45  
361 <210> SEQ ID NO: 14  
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375 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
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RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 04/20/2006  
PATENT APPLICATION: US/10/540,305                   TIME: 09:53:32

Input Set : E:\17225pct.ST25.txt  
Output Set: N:\CRF4\04202006\J540305.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; Xaa Pos. 1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,24,25,27  
Seq#:12; Xaa Pos. 28,29,31,33,34,35,36,37,38,39,41,42,43,44,45,46  
Seq#:13; Xaa Pos. 1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,23,24,25  
Seq#:13; Xaa Pos. 27,28,29,31,33,34,35,36,38,39,41,42,43,44,45,46  
Seq#:14; Xaa Pos. 1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,23,24,25  
Seq#:14; Xaa Pos. 26,28,29,30,32,34,35,36,37,38,39,40,41,43,44,45,46,47,48

**VERIFICATION SUMMARY** DATE: 04/20/2006  
PATENT APPLICATION: US/10/540,305 TIME: 09:53:32

Input Set : E:\17225pct.ST25.txt  
Output Set: N:\CRF4\04202006\J540305.raw

L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32  
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32  
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16  
L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32